

DOCKET NO. 2079.1042-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Kinase Inhibitors as Therapeutic Agents

the specification of which (check one)

[] is attached hereto.

[X] was filed on September 15, 2000 as United States ApplicationNumber or PCT International Application No. 09/663,320

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]

I hereby claim the benefit under 35 U.S.C. §119(c) of any United States provisional application(s) listed below.

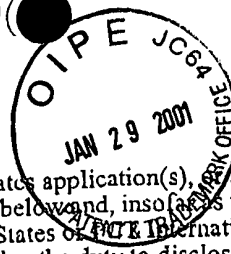
60/154,618
(Application Number)

September 17, 1999
(Filing Date)

(Application Number)

(Filing Date)

-2-



I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), 365(c) of any PCT international application designating the United States of America, listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with
Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799
Customer No. 21005,

and John D. Conway, Esq.

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

or

☐ Address as follows:

Direct telephone calls to: Richard W. Wagner, Esq. Telephone No.: 781-861-6240
 Direct facsimiles to: Richard W. Wagner, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Gavin C. Hirst

Inventor's Signature

Gavin C. Hirst

Date 1/8/01

Residence

112 Robert Road

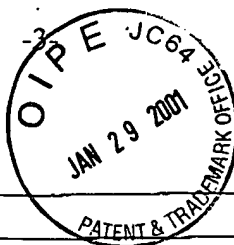
Marlborough, Massachusetts 01752

Citizenship

Great Britain

Post Office Address

Same as above



Full name of second joint

inventor, if any Paul Rafferty

Inventor's Signature _____

Date _____

Residence 722 Charlestown DriveWestborough, Massachusetts 01581Citizenship United KingdomPost Office Address Same as above

Full name of third joint

inventor, if any Kurt Ritter

Inventor's Signature _____

Date _____

Residence 30 Ashmont AvenueNewton, Massachusetts 02460Citizenship GermanyPost Office Address Same as above

Full name of fourth joint

inventor, if any David Calderwood

Inventor's Signature _____

Date _____

Residence 4 McCarthy CircleFramingham, Massachusetts 01702Citizenship United KingdomPost Office Address Same as above

Full name of fifth joint

inventor, if any Helen Twigger

Inventor's Signature _____

Date _____

Residence R5 Pennyfoot StreetNottingham, NG1 1GF, United KingdomCitizenship United KingdomPost Office Address Same as above

DOCKET NO. 2079.1042-001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

I, a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Kinase Inhibitors as Therapeutic Agents

the specification of which (check one)

☐ is attached hereto.☒ was filed on September 15, 2000 as United States ApplicationNumber or PCT International Application No. 09/663,320

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(c) of any United States provisional application(s) listed below.

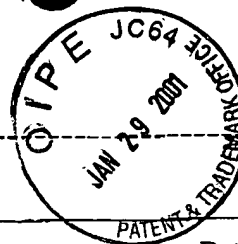
60/154,618
(Application Number)

September 17, 1999
(Filing Date)

(Application Number)

(Filing Date)

-4-



Full name of sixth joint

inventor, if any Stephen St. Gallay

Inventor's Signature _____

Date _____

Residence Bakewell RoadLoughborough, Leics. LE11 5RH, United KingdomCitizenship United KingdomPost Office Address Same as above

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with
Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799
Customer No. 21005,

and John D. Conway, Esq.

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

or

☐ Address as follows:

Direct telephone calls to: Richard W. Wagner, Esq. Telephone No.: 781-861-6240
 Direct facsimiles to: Richard W. Wagner, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Gavin C. Hirst

Inventor's Signature

Date

Residence 112 Robert Road

Marlborough, Massachusetts 01752

Citizenship Great Britain

Post Office Address Same as above

-3-

Full name of second joint

inventor, if any Paul RaffertyInventor's Signature *Paul Rafferty*Date 12.21.00Residence 722 Charlestown DriveWestborough, Massachusetts 01581Citizenship United KingdomPost Office Address Same as above

Full name of third joint

inventor, if any Kurt Ritter

Inventor's Signature _____

Date _____

Residence 30 Ashmont AvenueNewton, Massachusetts 02460Citizenship GermanyPost Office Address Same as above

Full name of fourth joint

inventor, if any David Calderwood

Inventor's Signature _____

Date _____

Residence 4 McCarthy CircleFramingham, Massachusetts 01702Citizenship United KingdomPost Office Address Same as above

Full name of fifth joint

inventor, if any Helen Twigger

Inventor's Signature _____

Date _____

Residence R5 Pennyfoot StreetNottingham, NG1 1GF, United KingdomCitizenship United KingdomPost Office Address Same as above



Full name of sixth joint

inventor, if any Stephen St. Gallay

Inventor's Signature _____

Date _____

Residence Bakewell Road

Loughborough, Leics, LE11 5RH, United Kingdom

Citizenship United Kingdom

Post Office Address Same as above

DOCKET NO. 2079.1042-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Kinase Inhibitors as Therapeutic Agents

the specification of which (check one)

☐ is attached hereto.☒ was filed on September 15, 2000 as United States ApplicationNumber or PCT International Application No. 09/663,320

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(c) of any United States provisional application(s) listed below.

60/154,618
 (Application Number)

September 17, 1999
 (Filing Date)

 (Application Number)

 (Filing Date)

-2-

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with
Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799
Customer No. 21005,

and John D. Conway, Esq.

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

or

☐ Address as follows:

Direct telephone calls to: Richard W. Wagner, Esq. Telephone No.: 781-861-6240
Direct facsimiles to: Richard W. Wagner, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Gavin C. Hirst

Inventor's Signature _____ Date _____

Residence 112 Robert Road

Marlborough, Massachusetts 01752

Citizenship Great Britain

Post Office Address Same as above

-3-

Full name of second joint

inventor, if any Paul Rafferty

Inventor's Signature _____

Date _____

Residence 722 Charlestown DriveWestborough, Massachusetts 01581Citizenship United KingdomPost Office Address Same as above

Full name of third joint

inventor, if any Kurt RitterInventor's Signature *K. Ritter*Date 12/21/2000Residence 30 Ashmont AvenueNewton, Massachusetts 02460Citizenship GermanyPost Office Address Same as above

Full name of fourth joint

inventor, if any David Calderwood

Inventor's Signature _____

Date _____

Residence 4 McCarthy CircleFramingham, Massachusetts 01702Citizenship United KingdomPost Office Address Same as above

Full name of fifth joint

inventor, if any Helen Twigger

Inventor's Signature _____

Date _____

Residence R5 Pennyfoot StreetNottingham, NG1 1GF, United KingdomCitizenship United KingdomPost Office Address Same as above

-4-



Full name of sixth joint

inventor, if any Stephen St. Gallay

Inventor's Signature _____

Date _____

Residence Bakewell RoadLoughborough, Leics. LE11 5RH, United KingdomCitizenship United KingdomPost Office Address Same as above

DOCKET NO. 2079.1042-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

I, _____, a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Kinase Inhibitors as Therapeutic Agents

the specification of which (check one)

☐ is attached hereto.☒ was filed on September 15, 2000 as United States ApplicationNumber or PCT International Application No. 09/663,320

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(c) of any United States provisional application(s) listed below.

60/154,618
(Application Number)

September 17, 1999
(Filing Date)

(Application Number)

(Filing Date)

-2-

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status: patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status: patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status: patented, pending, abandoned)

(Application Serial No.) (Filing date) (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with
Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799
Customer No. 21005,

and John D. Conway, Esq.

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. 21005
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

or

☐ Address as follows:

Direct telephone calls to: Richard W. Wagner, Esq. Telephone No.: 781-861-6240

Direct facsimiles to: Richard W. Wagner, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Gavin C. Hirst

Inventor's Signature _____ Date _____

Residence 112 Robert Road

Marlborough, Massachusetts 01752

Citizenship Great Britain

Post Office Address Same as above

-3-

Full name of second joint

inventor, if any Paul Rafferty

Inventor's Signature

Date

Residence 722 Charlestown DriveWestborough, Massachusetts 01581Citizenship United KingdomPost Office Address Same as above

Full name of third joint

inventor, if any Kurt Ritter

Inventor's Signature

Date

Residence 30 Ashmont AvenueNewton, Massachusetts 02460Citizenship GermanyPost Office Address Same as above

Full name of fourth joint

inventor, if any David Calderwood

Inventor's Signature

David CalderwoodDate 01/02/2001Residence 4 McCarthy CircleFramingham, Massachusetts 01702Citizenship United KingdomPost Office Address Same as above

Full name of fifth joint

inventor, if any Helen Twigger

Inventor's Signature

Date

Residence R5 Pennyfoot StreetNottingham, NG1 1GF, United KingdomCitizenship United KingdomPost Office Address Same as above

-4-



Full name of sixth joint

inventor, if any Stephen St. Gallay

Inventor's Signature _____ Date _____

Residence Bakewell RoadLoughborough, Leics. LE11 5RH, United KingdomCitizenship United KingdomPost Office Address Same as above



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Kinase Inhibitors as Therapeutic Agents

the specification of which (check one)

☐ is attached hereto.

☒ was filed on September 15, 2000 as United States Application

Number or PCT International Application No. 09/663,320

and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]	[]	[]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/154,618
(Application Number)

September 17, 1999
(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with
Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799
Customer No. 21005,

and John D. Conway, Esq.,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ **Customer No. 21005**
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

or

☐ **Address as follows:**

Direct telephone calls to: Richard W. Wagner, Esq. Telephone No.: 781-861-6240

Direct facsimiles to: Richard W. Wagner, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole
or first inventor Gavin C. Hirst
Inventor's Signature _____ Date _____
Residence 112 Robert Road
Marlboro, Massachusetts 01752
Citizenship United Kingdom
Post Office Address Same as above

Full name of second joint

inventor, if any Paul Rafferty
Inventor's Signature _____ Date _____
Residence 722 Charlestown Drive
Westborough, Massachusetts 01581
Citizenship United Kingdom
Post Office Address Same as above

Full name of third joint

inventor, if any Kurt Ritter
Inventor's Signature _____ Date _____
Residence 30 Ashmont Avenue
Newton, Massachusetts 02460
Citizenship Germany
Post Office Address Same as above

Full name of fourth joint

inventor, if any David Calderwood
Inventor's Signature _____ Date _____
Residence 4 McCarthy Circle
Framingham, Massachusetts 01702
Citizenship United Kingdom
Post Office Address Same as above

Full name of fifth joint

inventor, if any Helen Twigger
Inventor's Signature Helen Twigger Date 13 Nov 80
Residence R5 Pennyfoot Street
Nottingham, NG1 1GF, United Kingdom
Citizenship United Kingdom
Post Office Address Same as above



-4-

Full name of sixth joint

inventor, if any Stephen St. Gallay

Inventor's Signature

S. A. St. Gallay

Date

8th 12. 2000

Residence

Bakewell Road

Loughborough, Leics. LE11 5RH, United Kingdom

Citizenship

United Kingdom

Post Office Address

Same as above